

Figure 12: The noise level from a point source, as a function of the distance, is indicated by the sloped line (Direct Sound Level). The reverberant Sound Level (caused by the point source) is independent of the distance to the source in the room. The critical distance D_C is found where the Direct and Reverberant Sound Levels are equal (reference [18]).

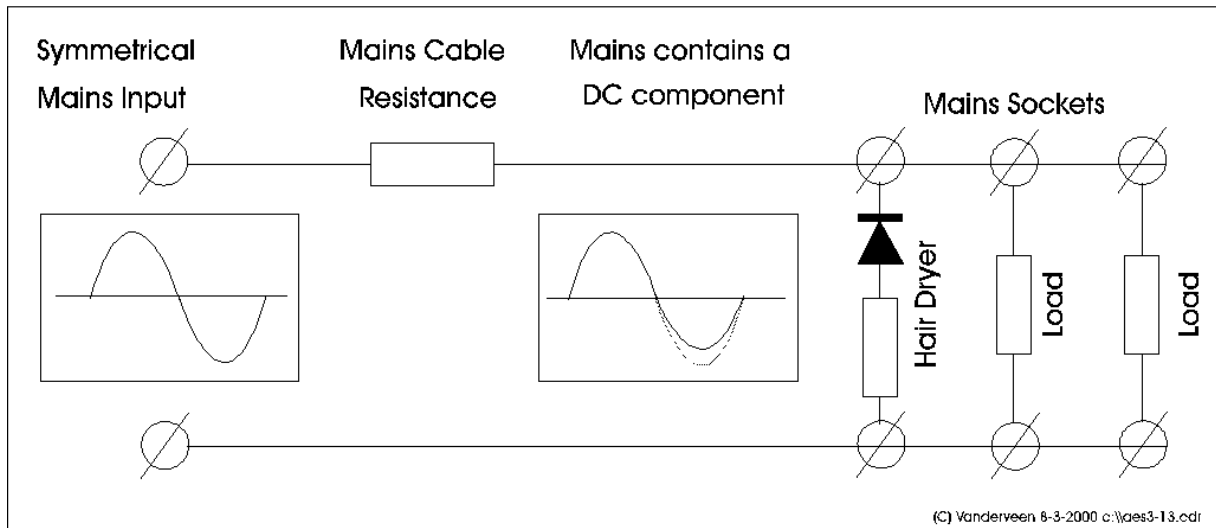


Figure 13: When the mains is loaded by an asymmetrical load, a DC-component will occur at the mains sockets.